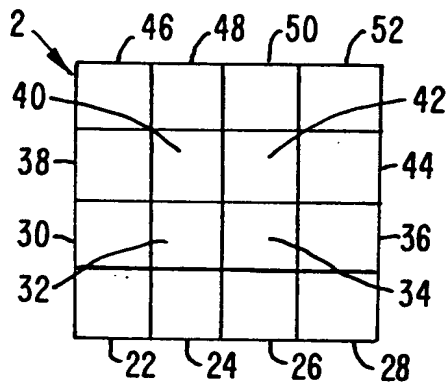
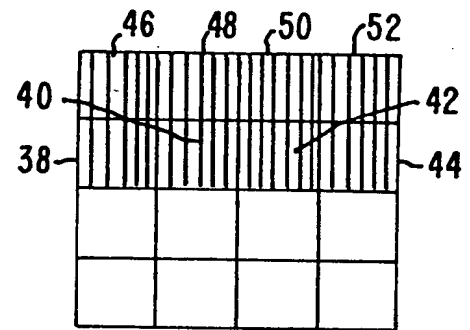
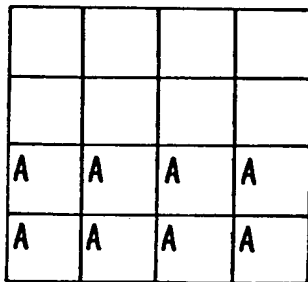
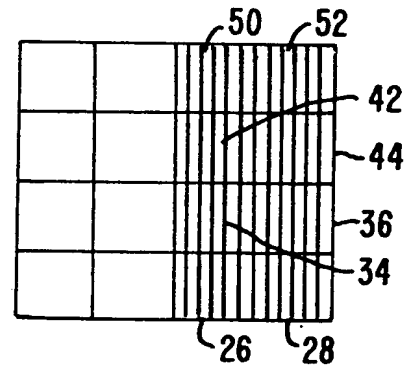
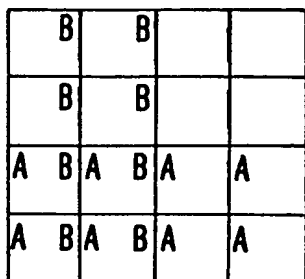
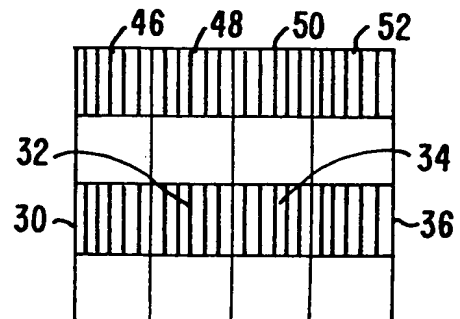
**FIG. 1.****FIG. 2A.****FIG. 2B.****FIG. 2C.****FIG. 2D.****FIG. 2E.****FIG. 2F.**

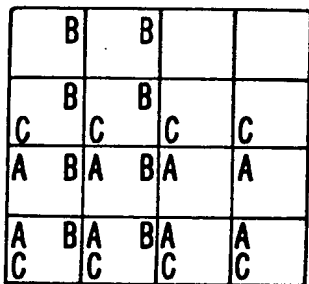


FIG. 2G.

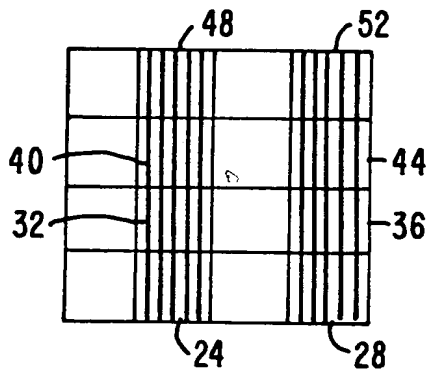


FIG. 2H.

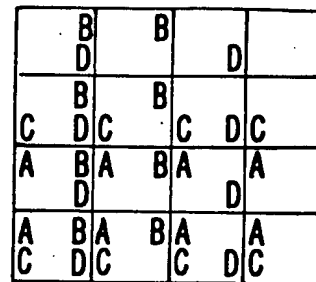


FIG. 2I.

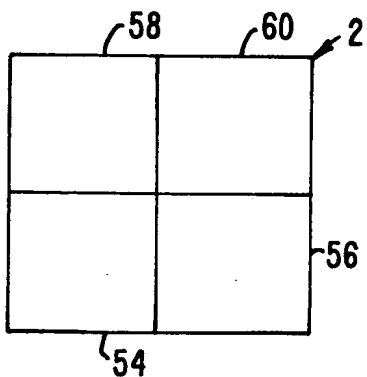


FIG. 3A.

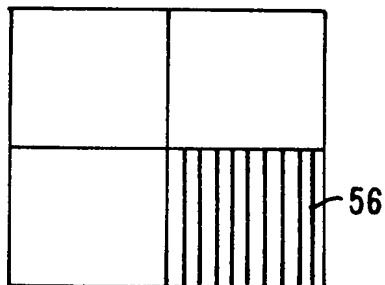


FIG. 3B.

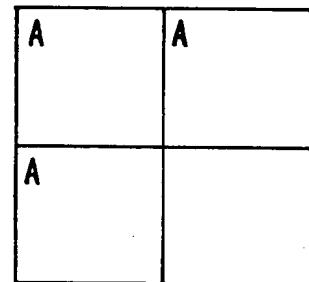


FIG. 3C.

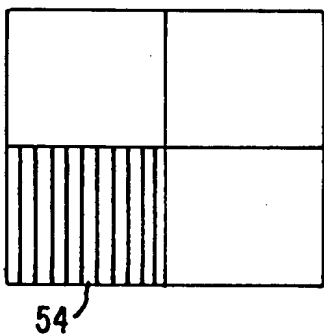


FIG. 3D.

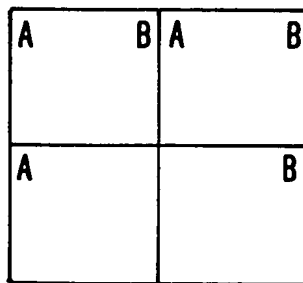


FIG. 3E.

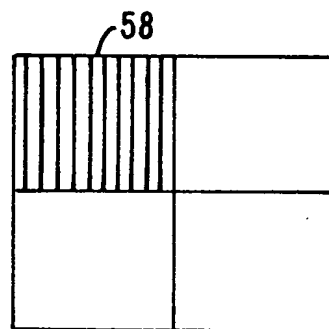
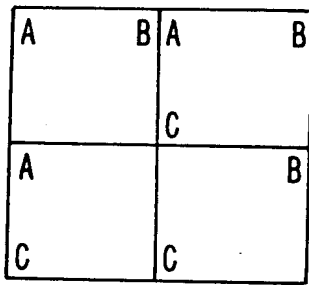
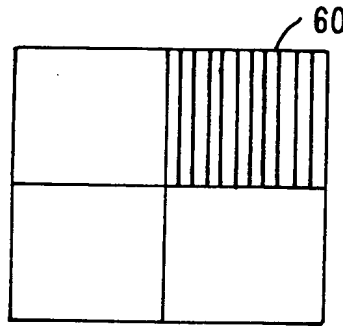


FIG. 3F.

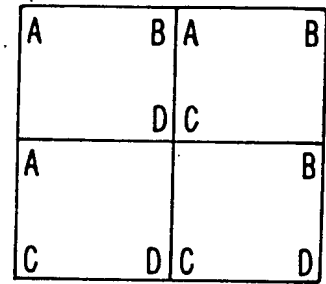
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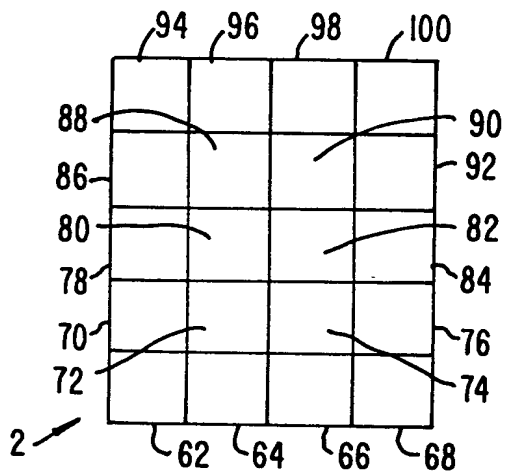
**FIG. 3G.**



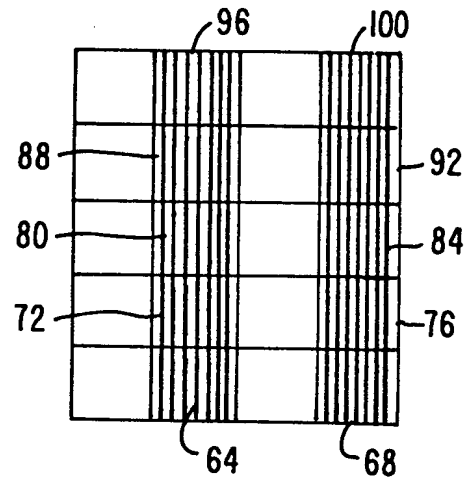
**FIG. 3H.**



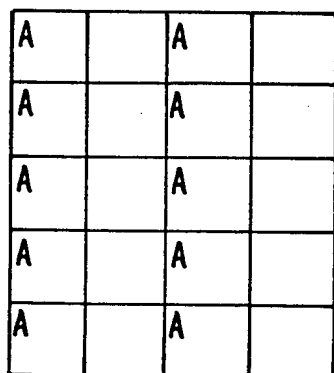
**FIG. 3I.**



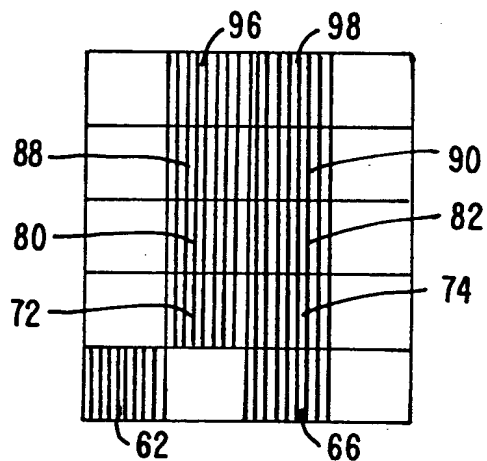
**FIG. 4A.**



**FIG. 4B.**



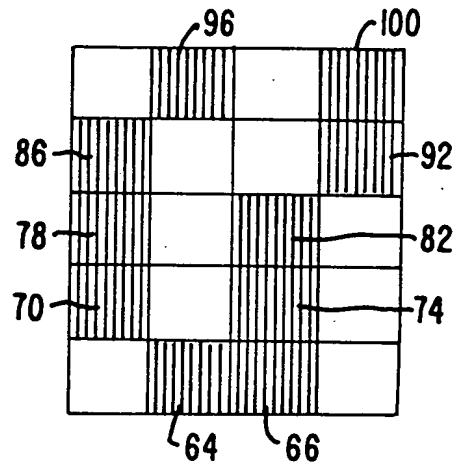
**FIG. 4C.**



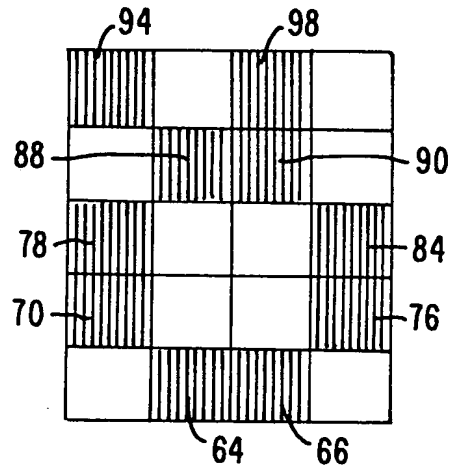
**FIG. 4D.**

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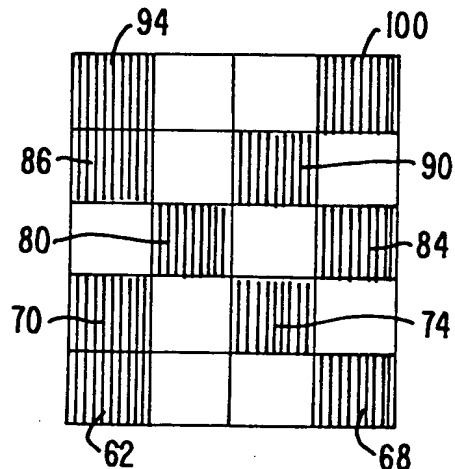
A <sub>B</sub>		A	B
A <sub>B</sub>		A	B
A <sub>B</sub>		A	B
A <sub>B</sub>		A	B
A	B	A	B

**FIG. 4E.****FIG. 4F.**

A <sub>B</sub> C		A <sub>C</sub>	B
A <sub>B</sub>	C	A <sub>C</sub>	B
A <sub>B</sub>	C	A	B <sub>C</sub>
A <sub>B</sub>	C	A	B <sub>C</sub>
A <sub>C</sub>	B	A	B <sub>C</sub>

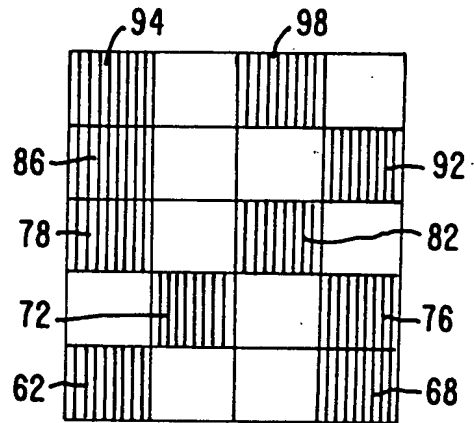
**FIG. 4G.****FIG. 4H.**

A <sub>B</sub> C	D	A <sub>C</sub>	B <sub>D</sub>
A <sub>B</sub> D	C	A <sub>C</sub>	B <sub>D</sub>
A <sub>B</sub>	C <sub>D</sub>	A <sub>D</sub>	B <sub>C</sub>
A <sub>B</sub>	C <sub>D</sub>	A <sub>D</sub>	B <sub>C</sub>
A <sub>C</sub> D	B	A	B <sub>C</sub> D

**FIG. 4I.****FIG. 4J.**

A <sub>B</sub> C	D <sub>E</sub>	A <sub>C</sub> E	B <sub>D</sub>
A <sub>B</sub> D	C <sub>E</sub>	A <sub>C</sub>	B <sub>D</sub> E
A <sub>B</sub> E	C <sub>D</sub>	A <sub>D</sub> E	B <sub>C</sub>
A <sub>B</sub>	C <sub>D</sub> E	A <sub>D</sub>	B <sub>C</sub> E
A <sub>C</sub> D	B <sub>E</sub>	A <sub>E</sub>	B <sub>C</sub> D

**FIG. 4K.**

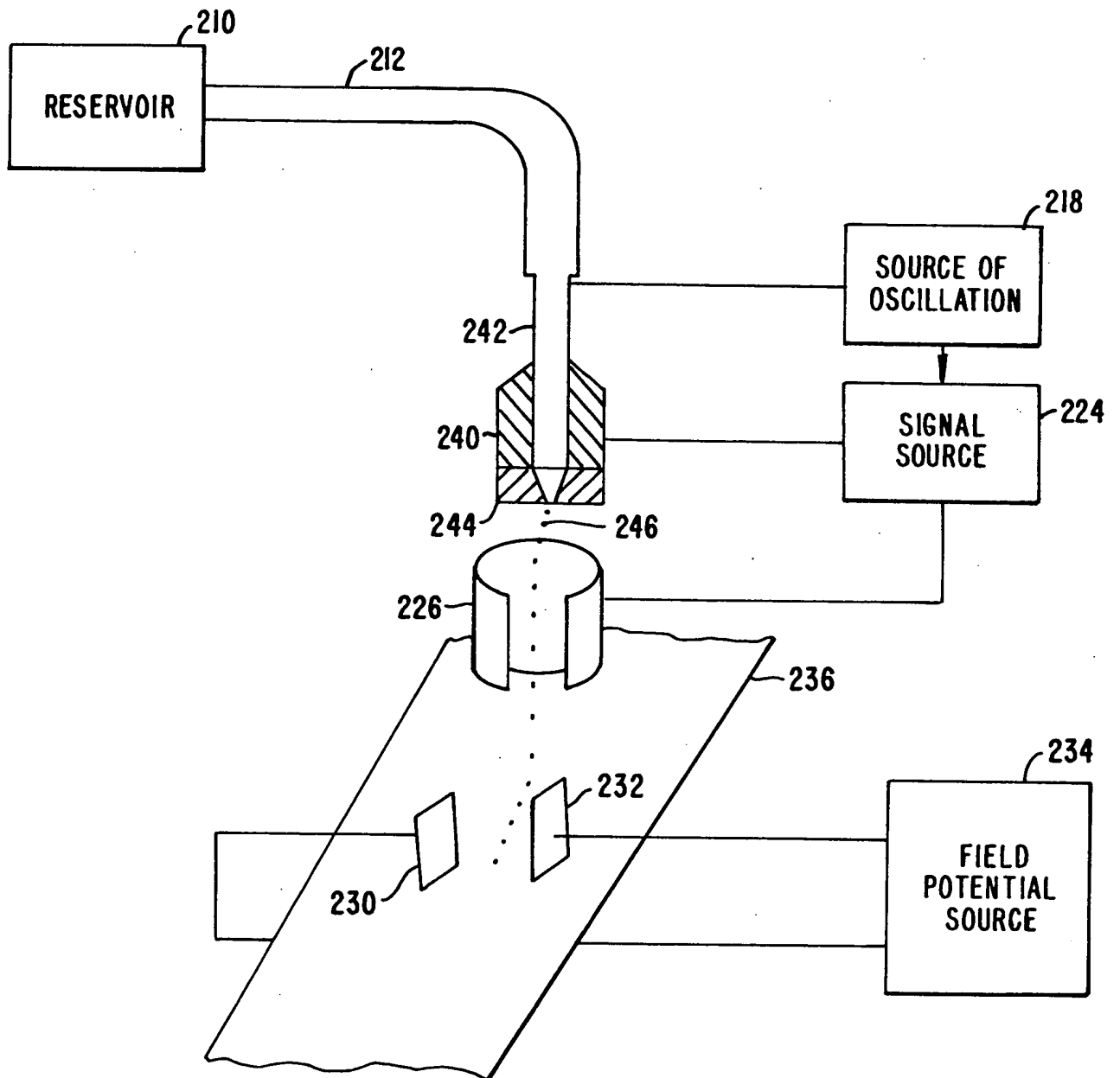


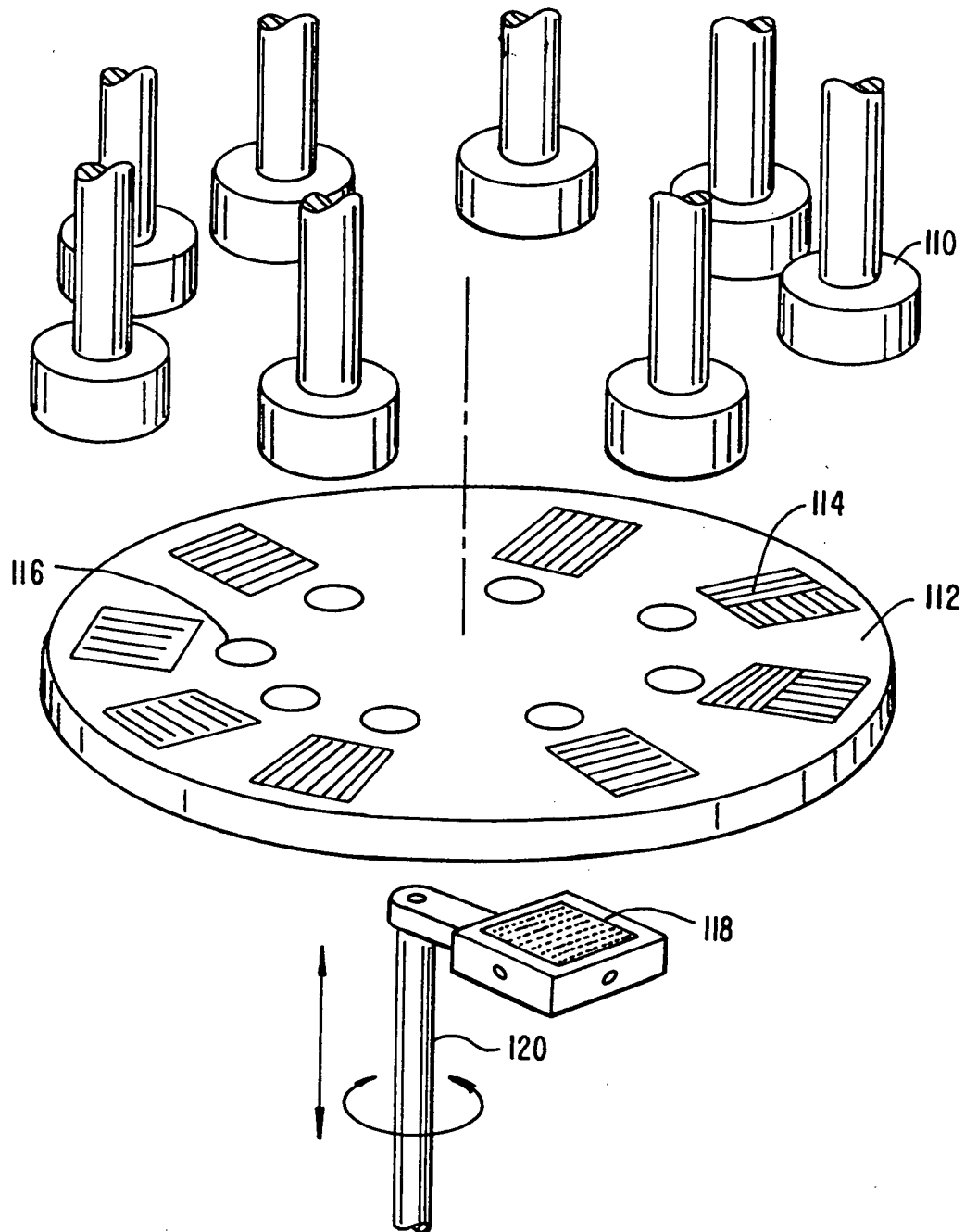
**FIG. 4L.**

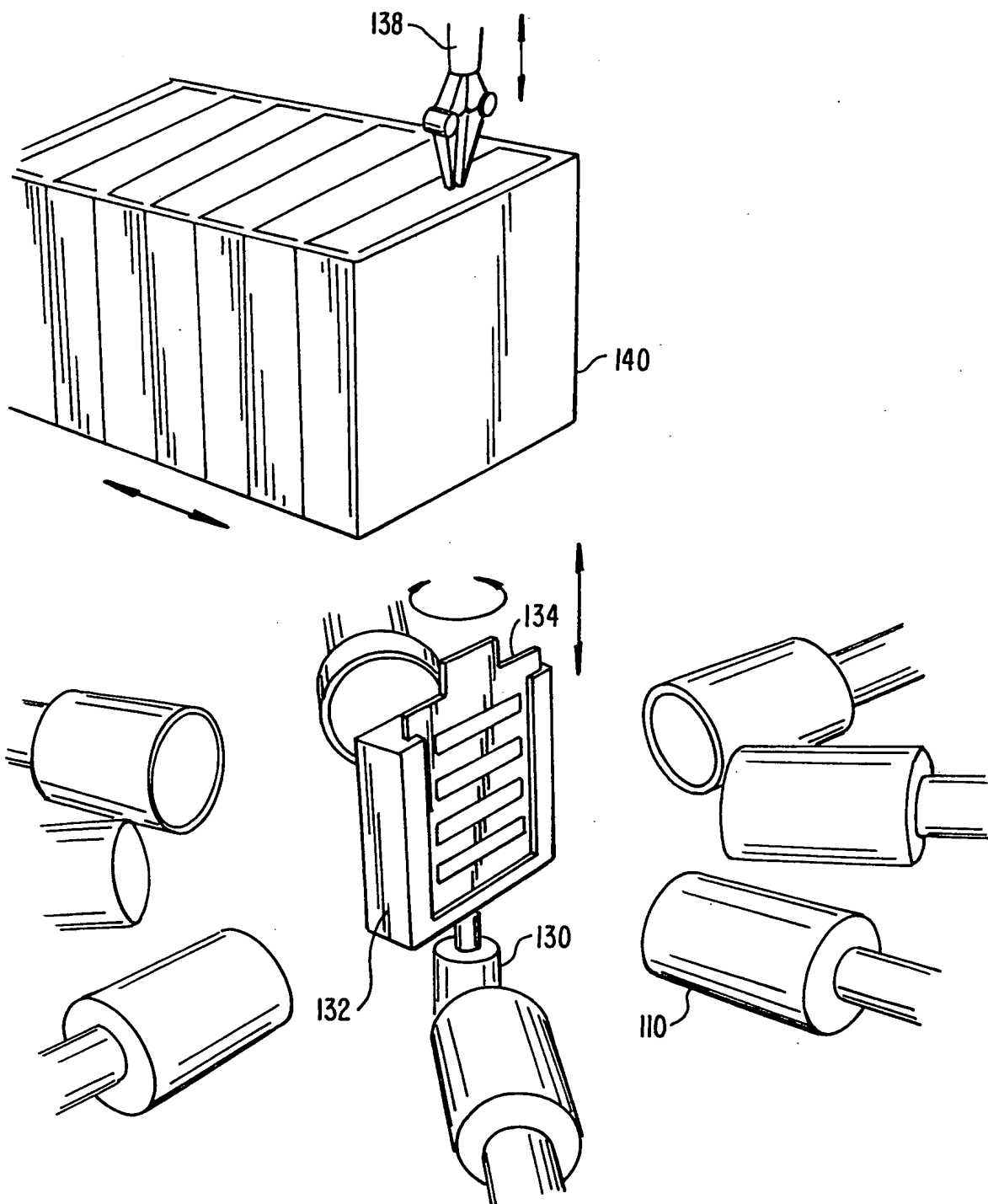
A <sub>B</sub> C	D <sub>E</sub> F	A <sub>C</sub> E	B <sub>D</sub> F
A <sub>B</sub> D	C <sub>E</sub> F	A <sub>C</sub> F	B <sub>D</sub> E
A <sub>B</sub> E	C <sub>D</sub> F	A <sub>D</sub> E	B <sub>C</sub> F
A <sub>B</sub> F	C <sub>D</sub> E	A <sub>D</sub> F	B <sub>C</sub> E
A <sub>C</sub> D	B <sub>E</sub> F	A <sub>E</sub> F	B <sub>C</sub> D

**FIG. 4M.**

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**FIG. 5.**

**FIG. 6.**



**FIG. 7.**



9/26

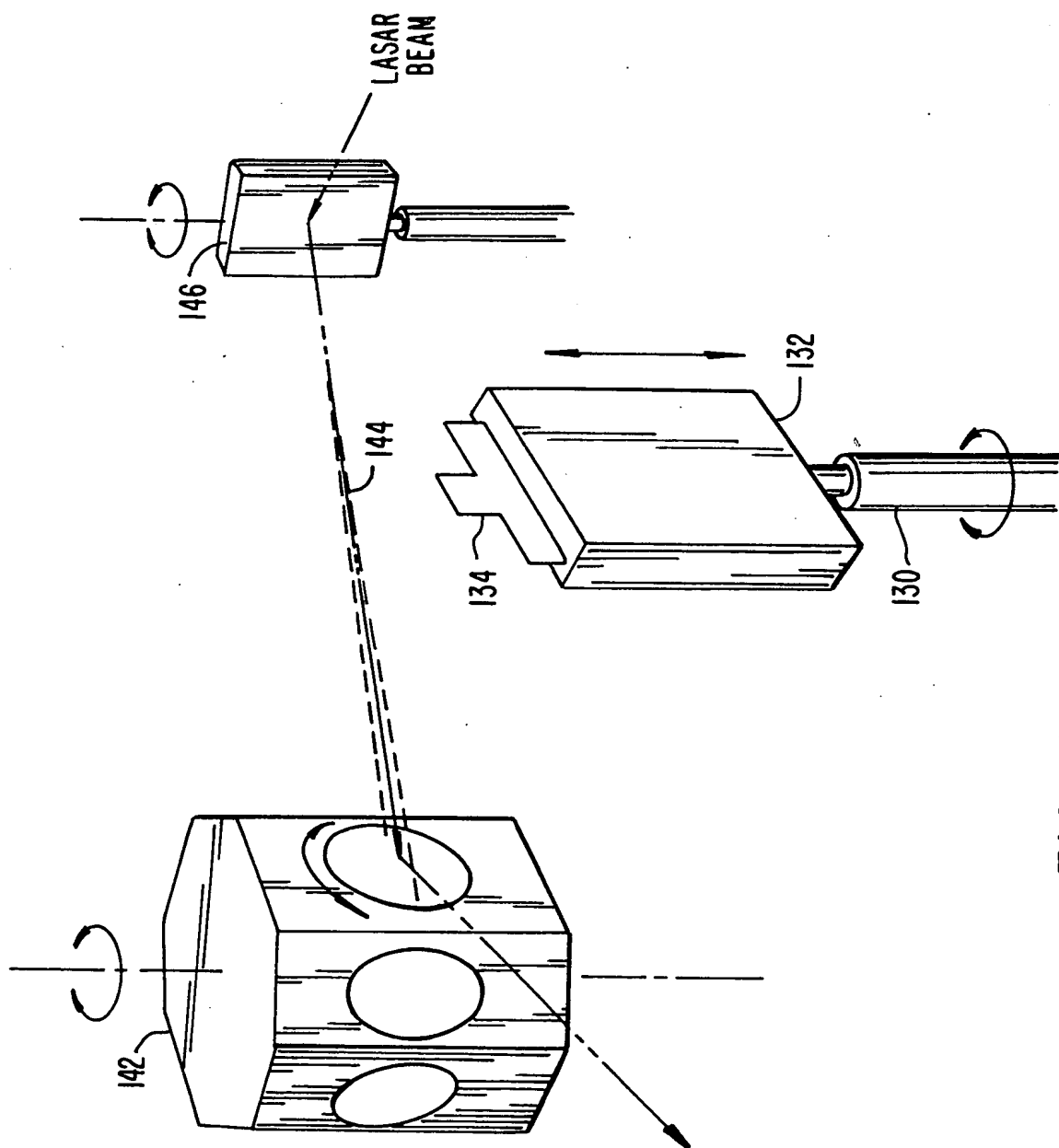


FIG. 8.

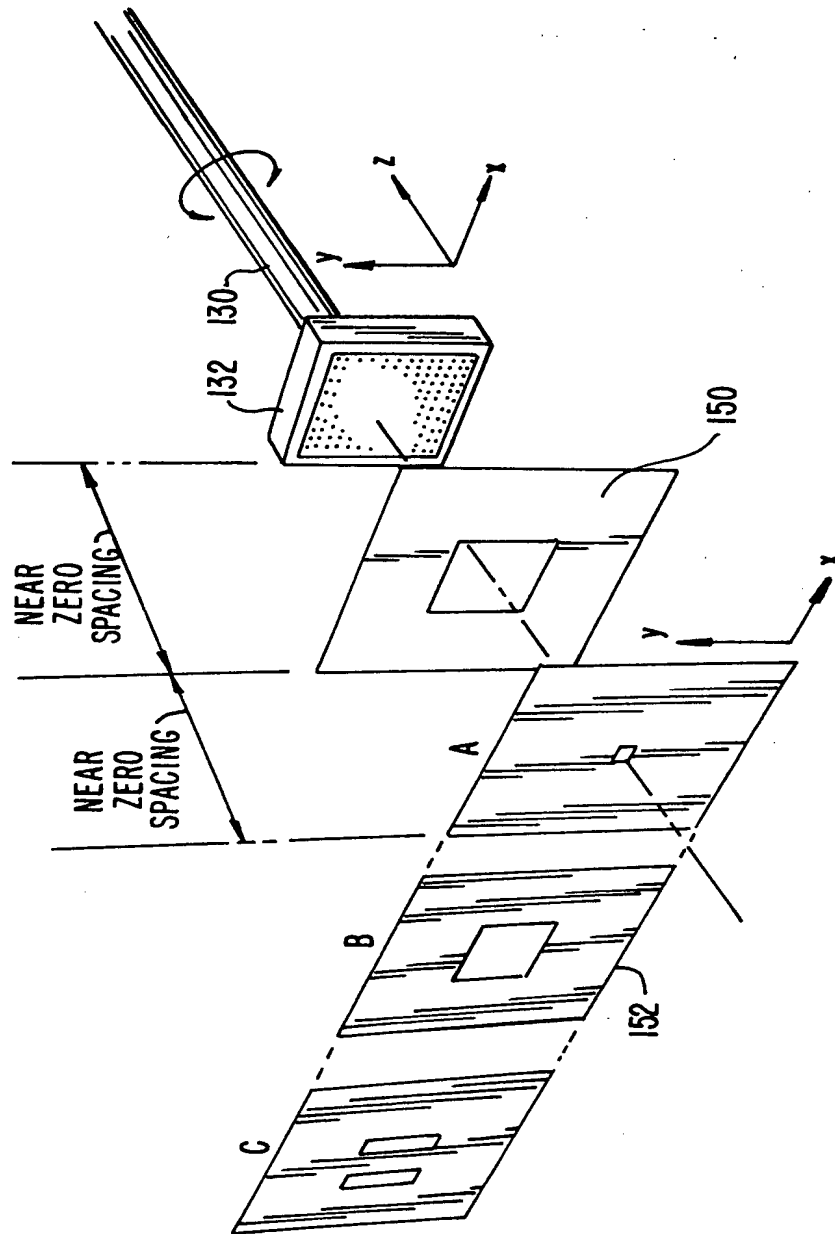
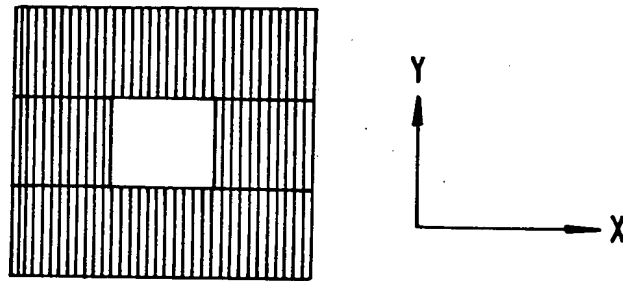
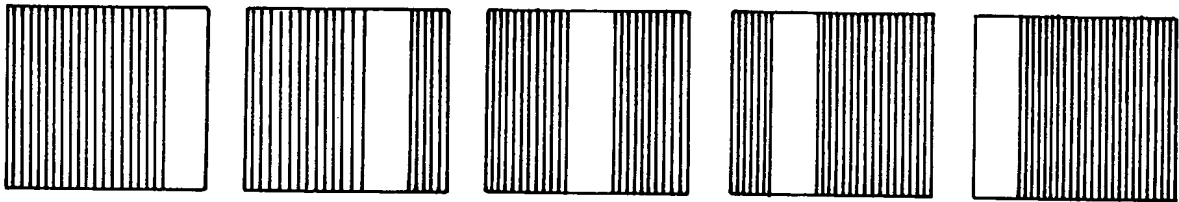


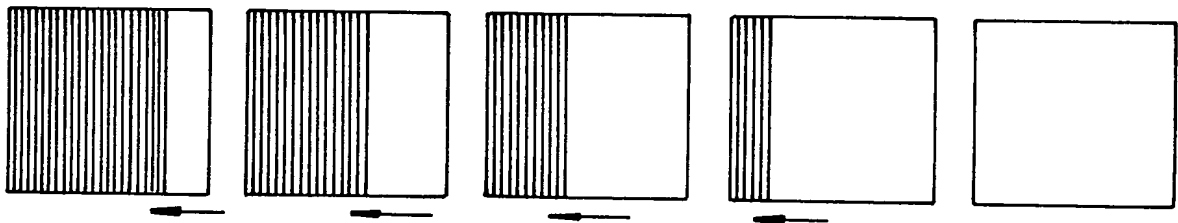
FIG. 9.



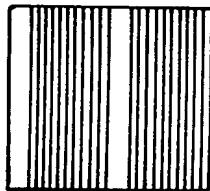
**FIG. 10A.**



**FIG. 10B.**



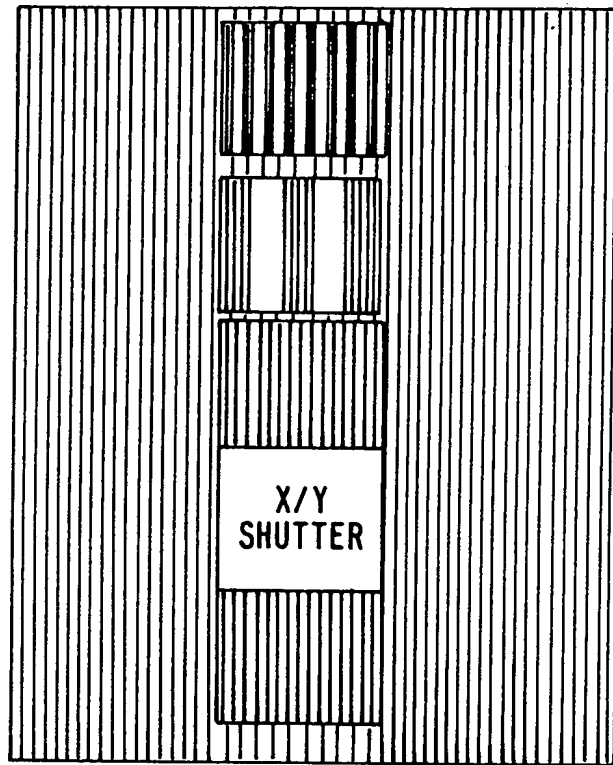
**FIG. 10C.**



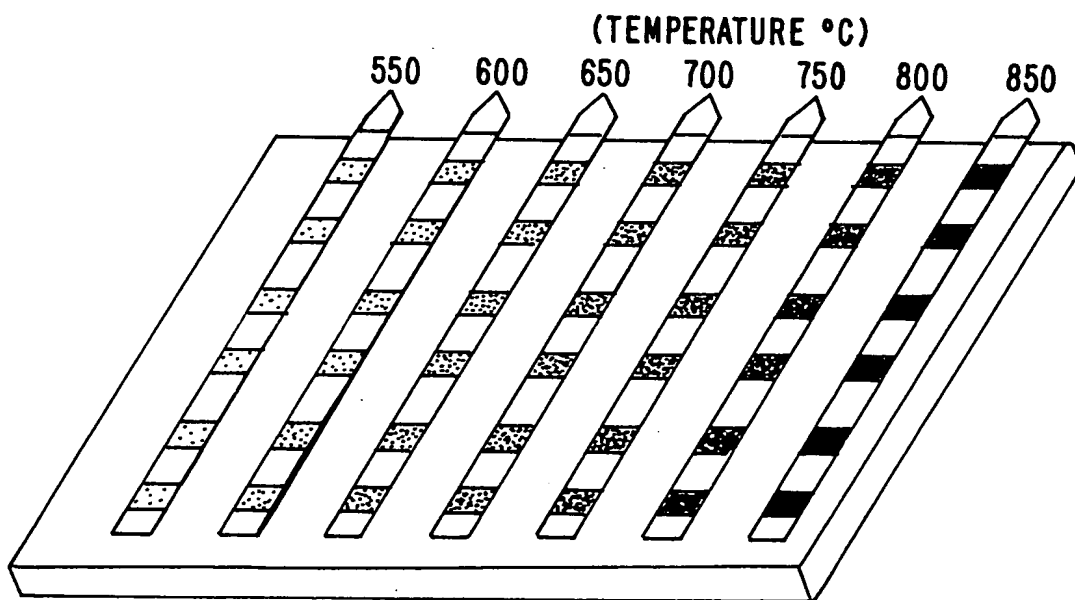
**FIG. 10D.**

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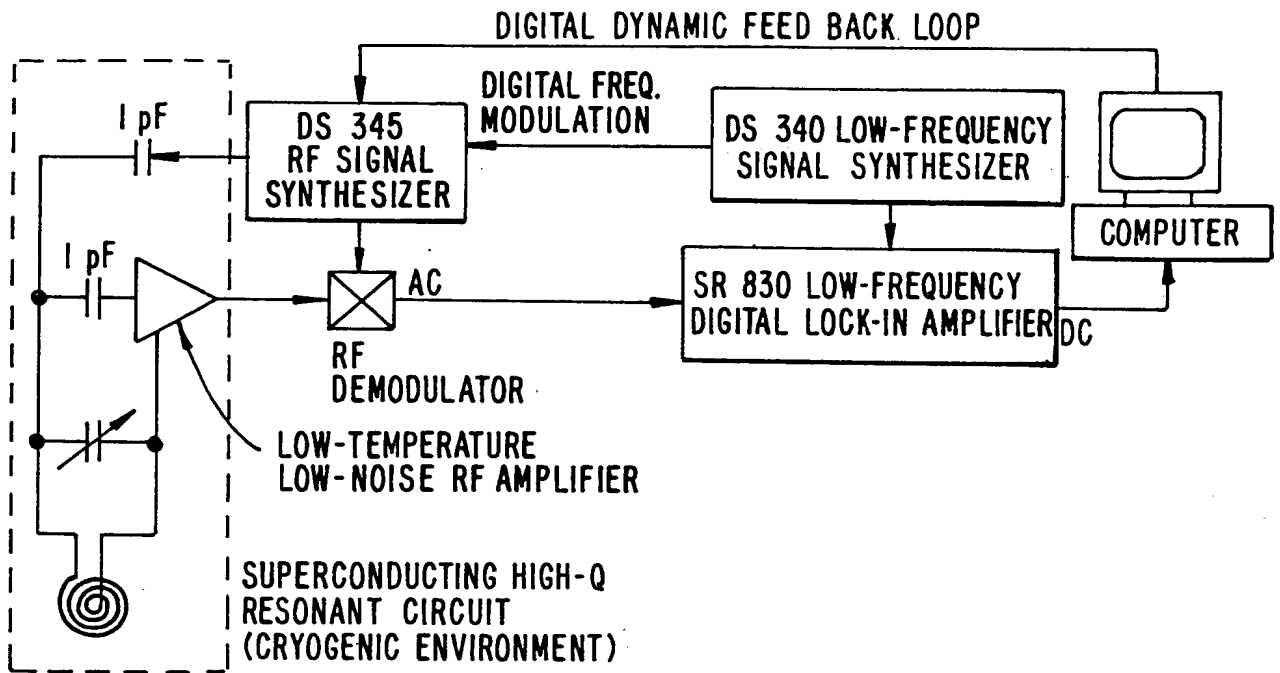
12/26



**FIG. 11.**



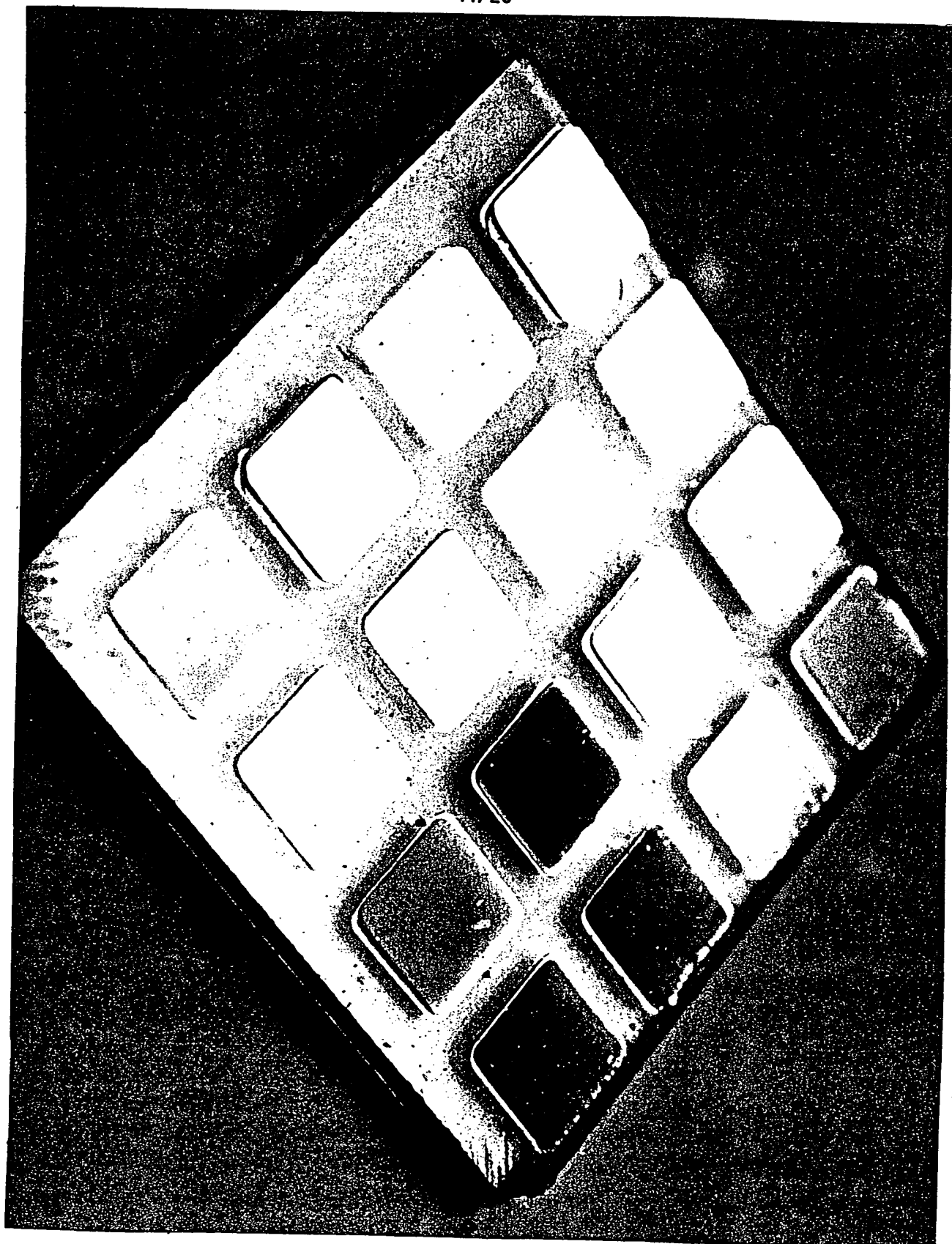
**FIG. 12.**

**FIG. 13.**

CuSr Ca	CuCa	CuPb SrCa	CuPb Ca
CuSr	Cu	CuPb Sr	CuPb
BiCu SrCa	BiCu Ca	BiPbCu SrCa	BiPb CuCa
BiCu Sr	BiCu	BiPb CuSr	BiPb Cu

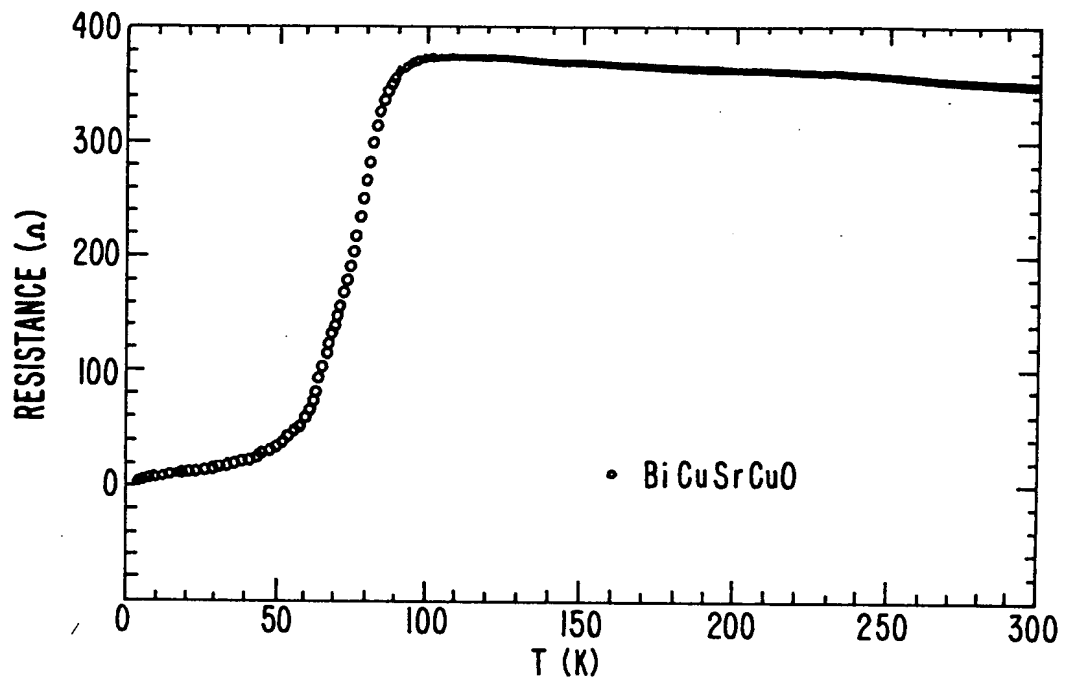
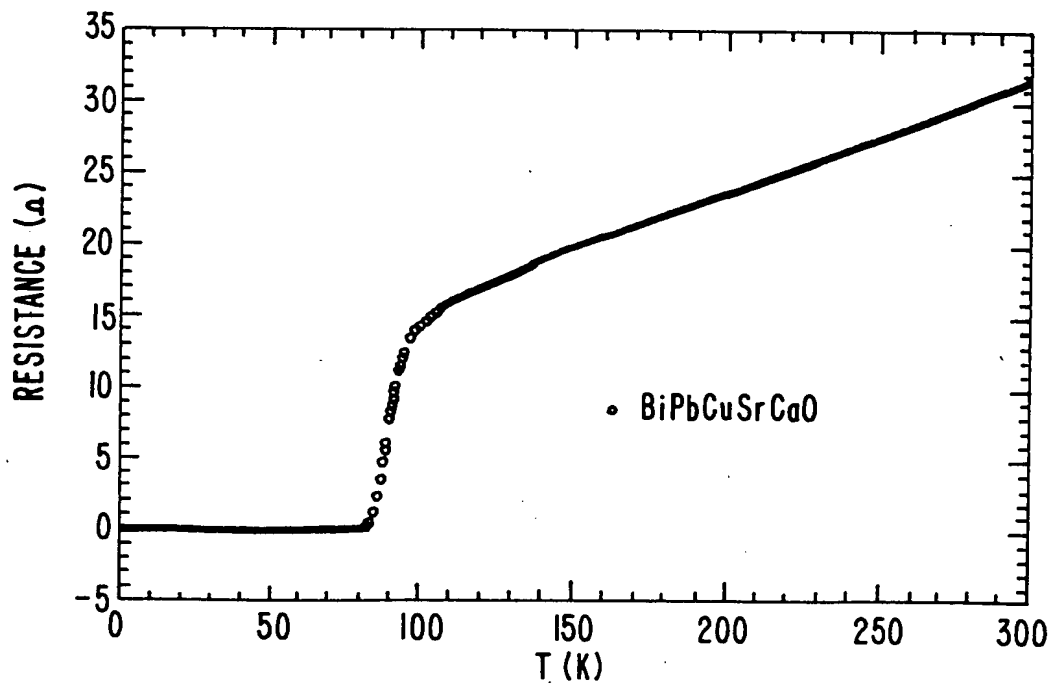
**FIG. 14.**

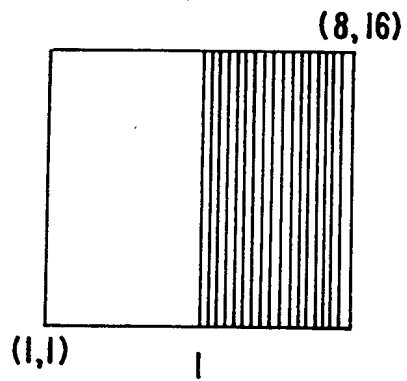
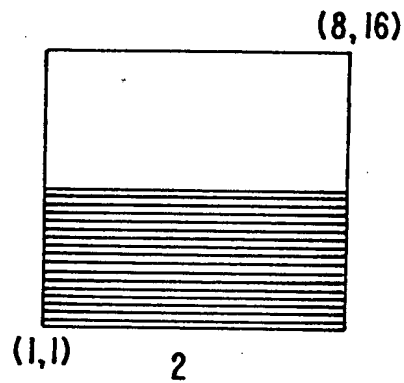
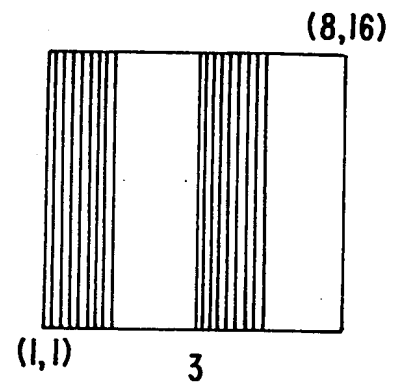
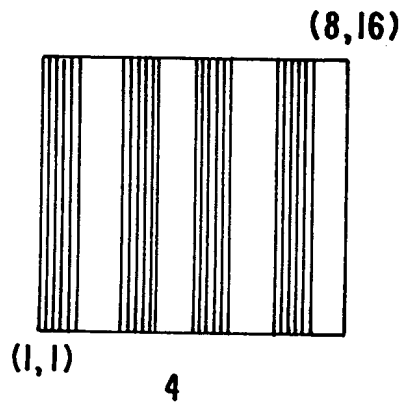
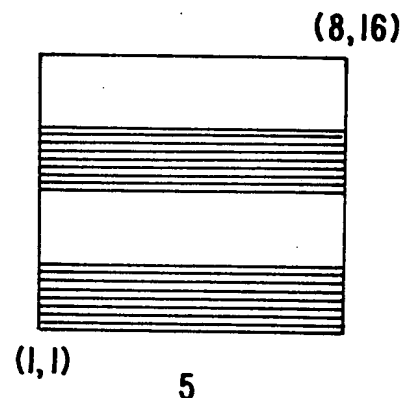
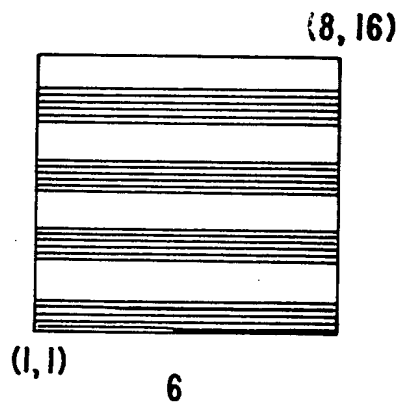
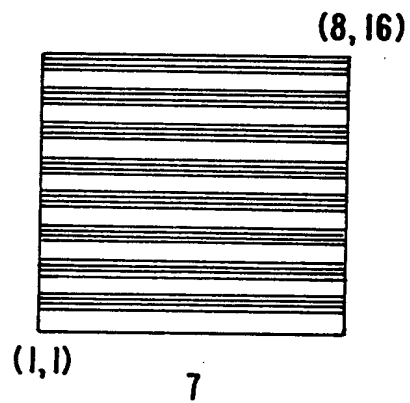
14/26



**FIG. 15.**

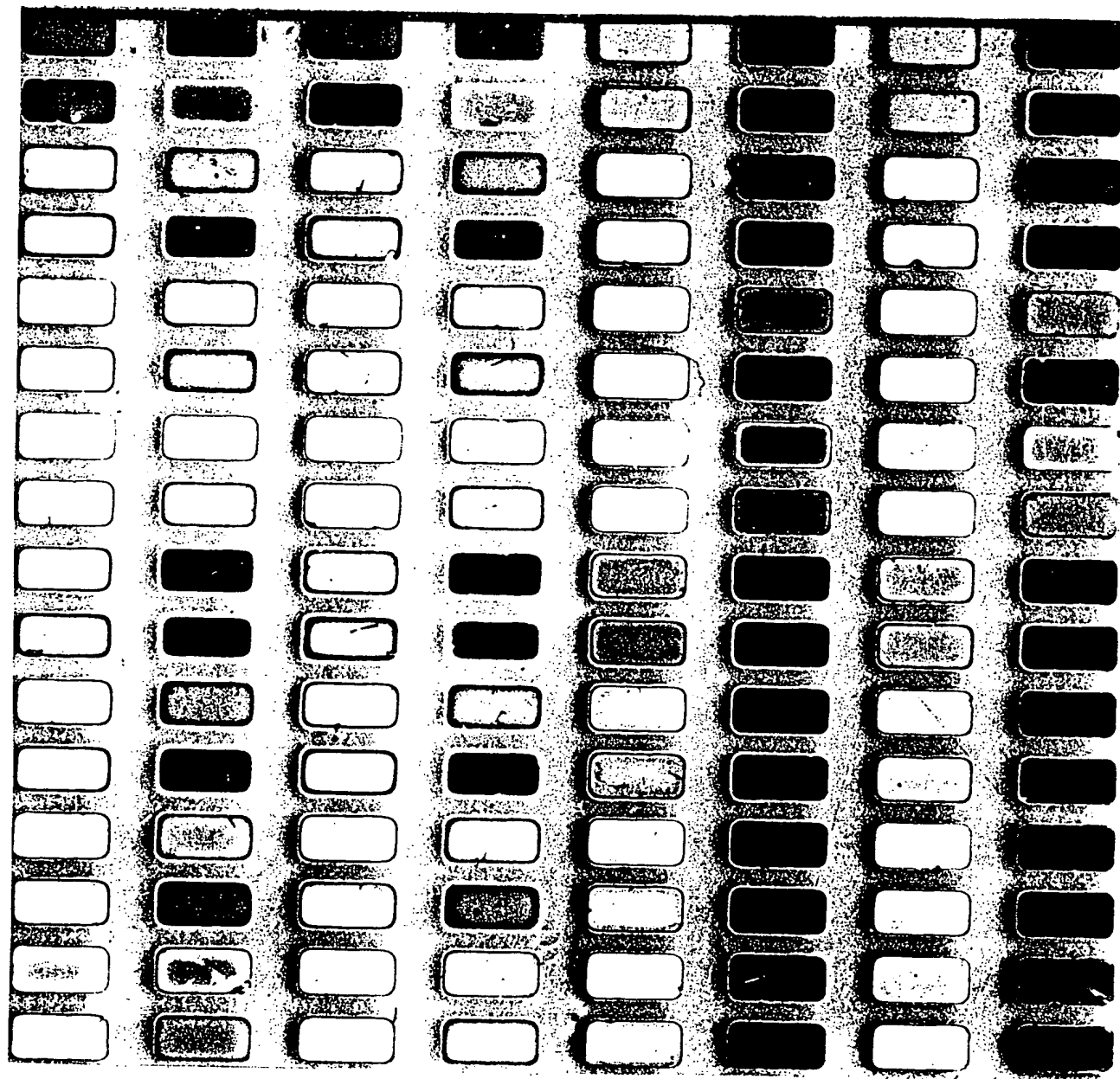
0884967 04227

**FIG. 16A.****FIG. 16B.**

**FIG. 17A.****FIG. 17B.****FIG. 17C.****FIG. 17D.****FIG. 17E.****FIG. 17F.****FIG. 17G.**

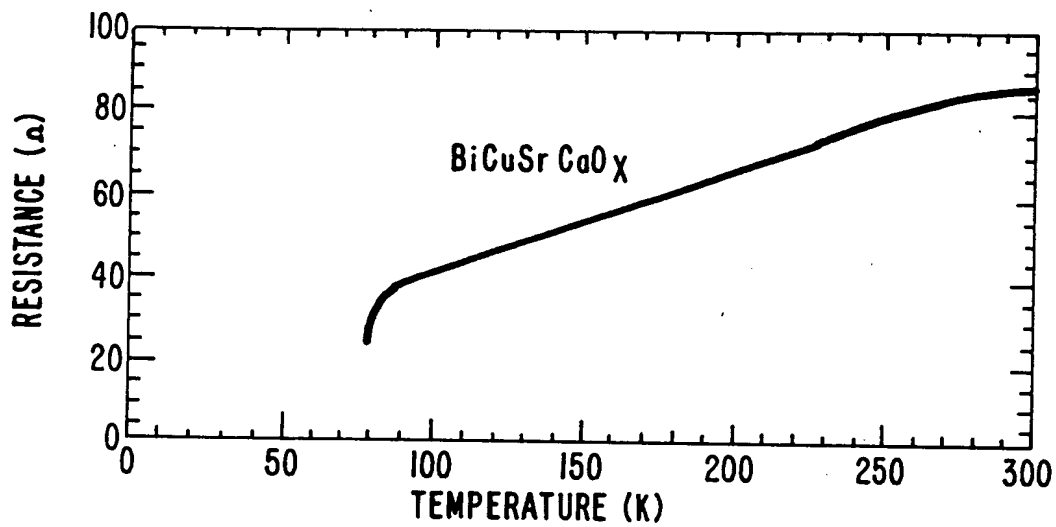
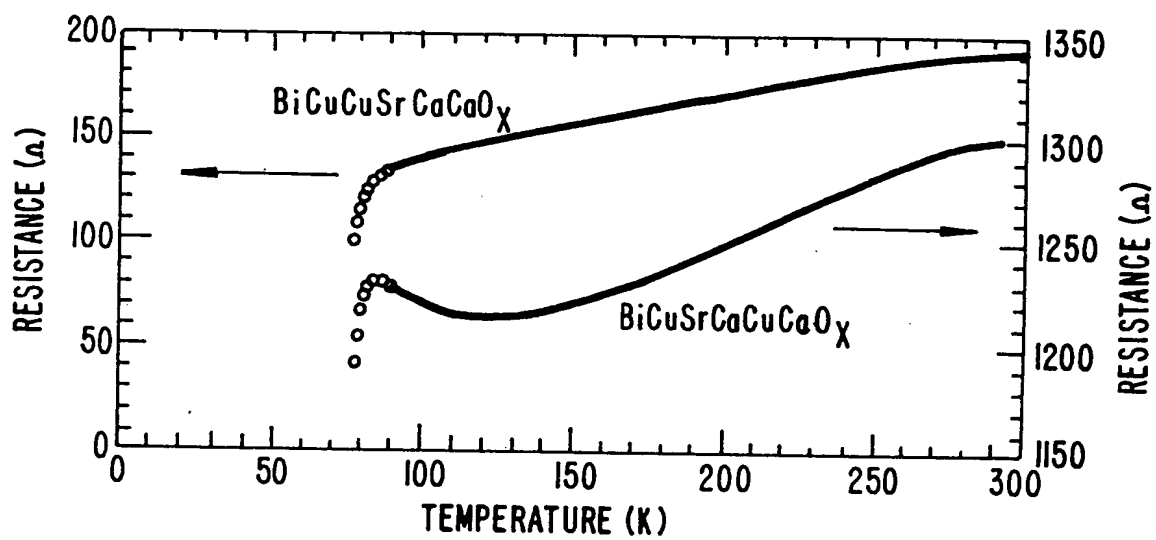


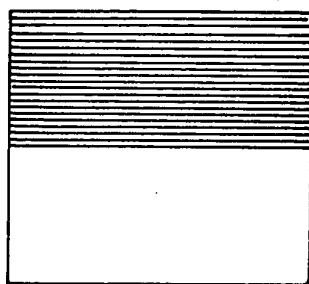
08347967 042297



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**FIG. 18.**

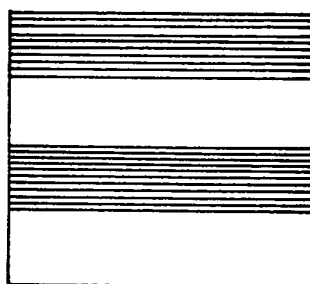
**FIG. 19A.****FIG. 19B.**



$\text{Bi}_2\text{O}_3$  1000Å

1

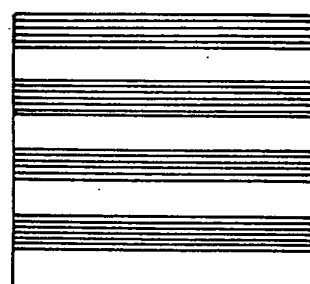
**FIG. 20A.**



$\text{CuO}$  716Å

2

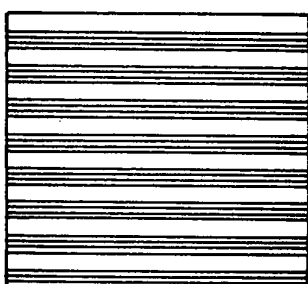
**FIG. 20B.**



$\text{La}_2\text{O}_3$  956Å

3

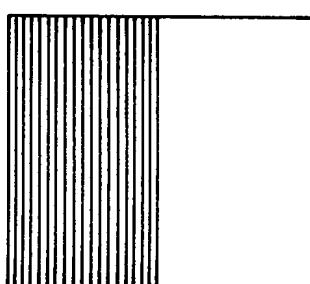
**FIG. 20C.**



$\text{Y}_2\text{O}_3$  432Å

4

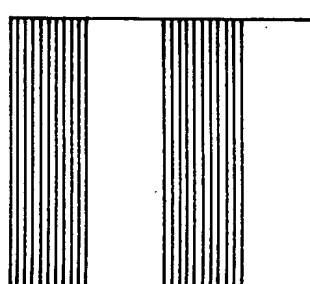
**FIG. 20D.**



$\text{BaCO}_3$  1702Å

5

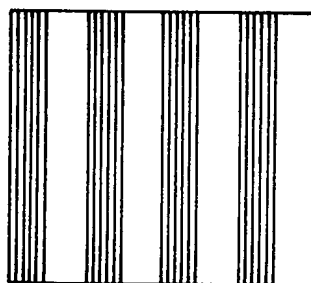
**FIG. 20E.**



$\text{SrCO}_3$  1524Å

6

**FIG. 20F.**

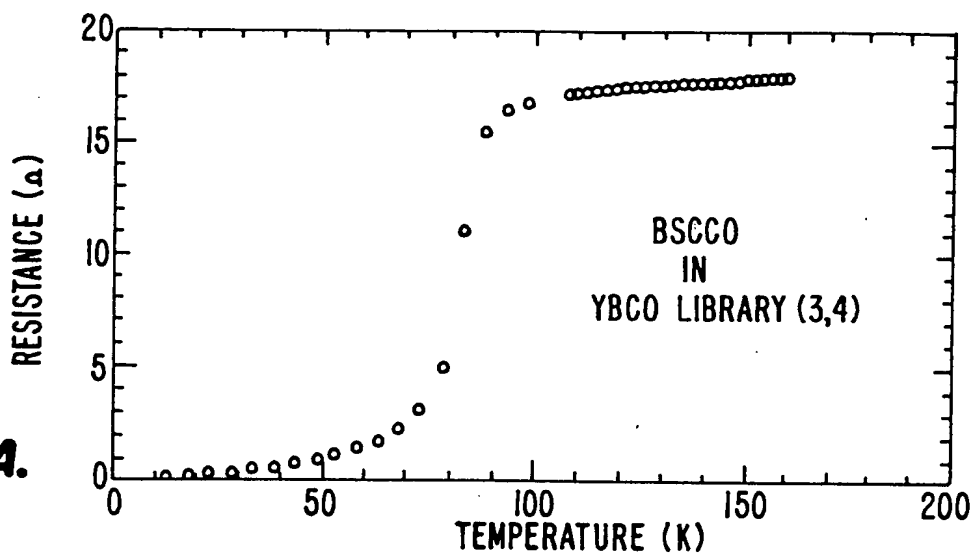
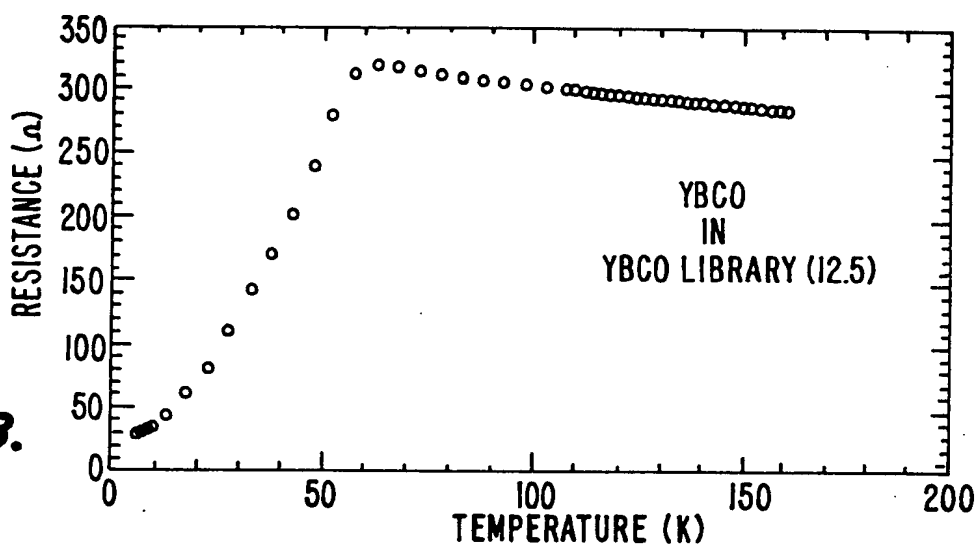
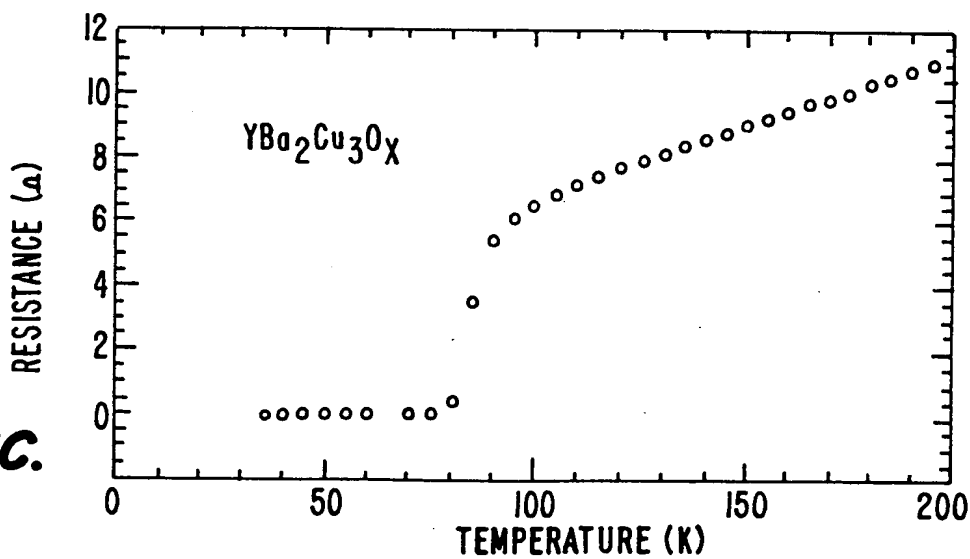


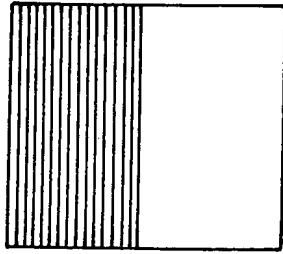
$\text{CaO}$  635Å

7

**FIG. 20G.**

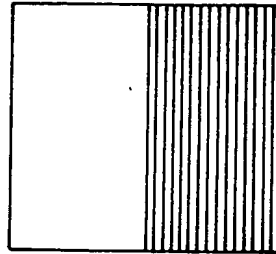
0447962480

**FIG. 21A.****FIG. 21B.****FIG. 21C.**



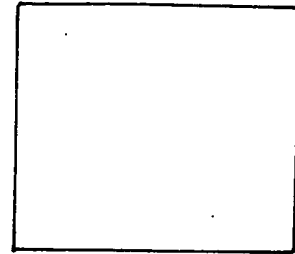
$Y_2O_3$  245Å

**FIG. 22A.**



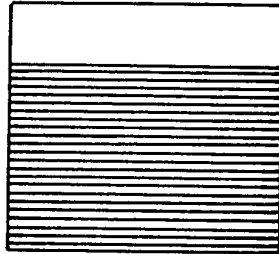
$La_2O_3$  350Å

**FIG. 22B.**



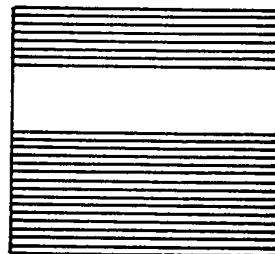
Co 145Å

**FIG. 22C.**



$BaCO_3$  600Å

**FIG. 22D.**



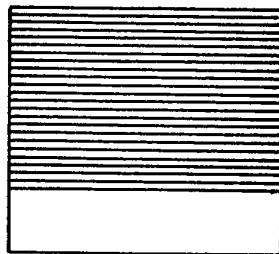
$SrCO_3$  538Å

**FIG. 22E.**



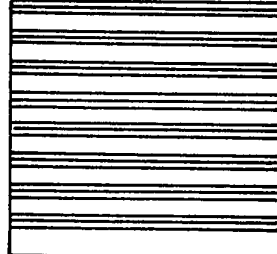
CaO 245Å

**FIG. 22F.**



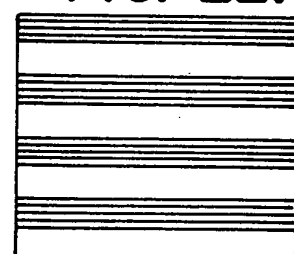
PbO 316Å

**FIG. 22G.**



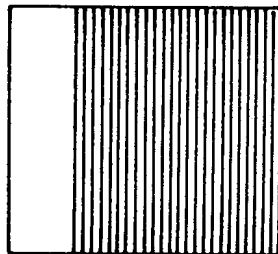
Co 128Å

**FIG. 22H.**



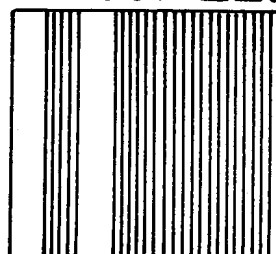
Co 55Å

**FIG. 22I.**



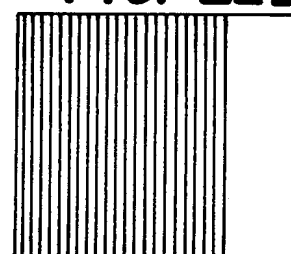
$La_2O_3$  245Å

**FIG. 22J.**



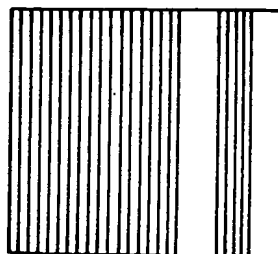
$La_2O_3$  245Å

**FIG. 22K.**



$Y_2O_3$  122Å

**FIG. 22L.**



$Y_2O_3$  245Å

**FIG. 22M.**

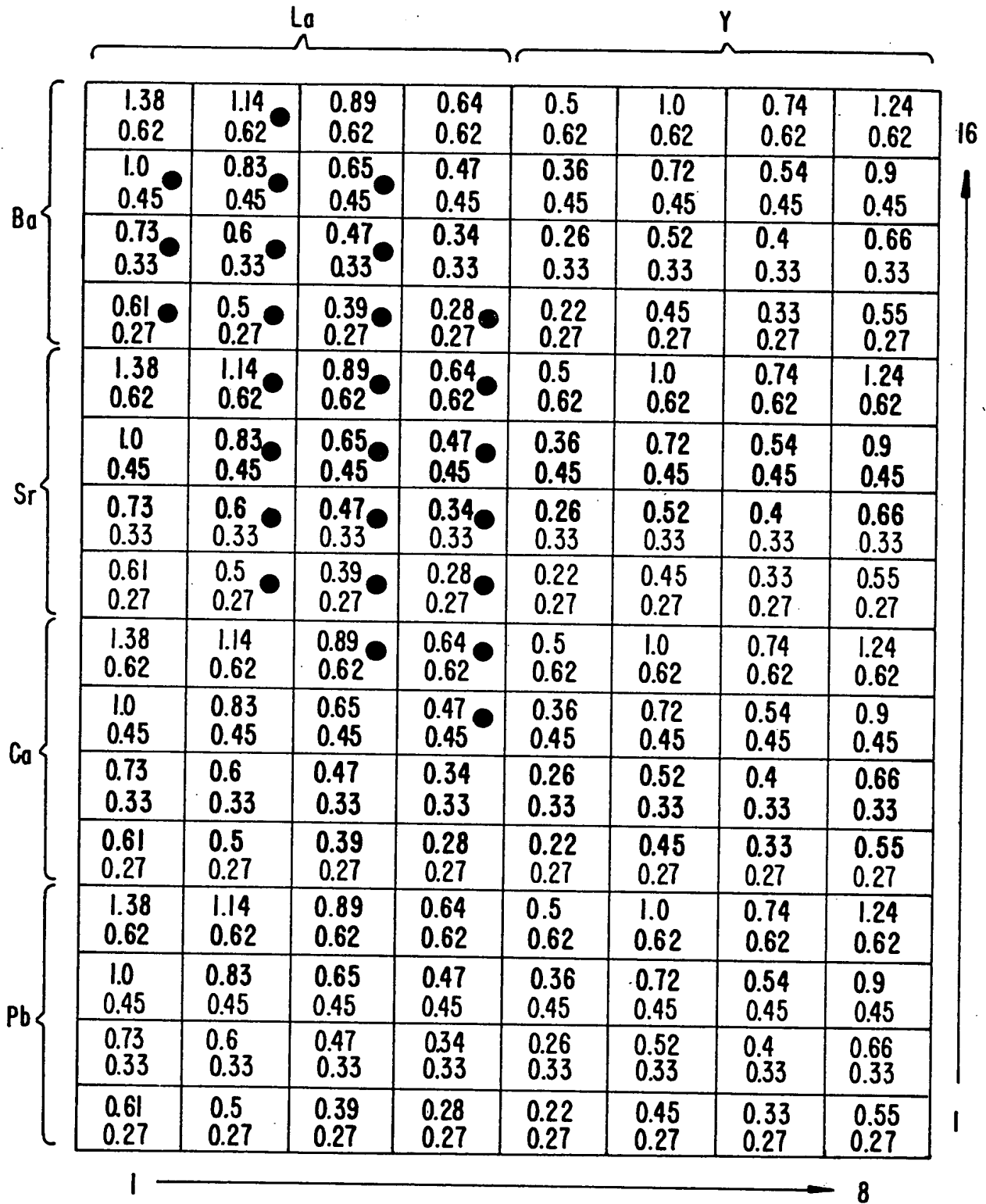


FIG. 23.

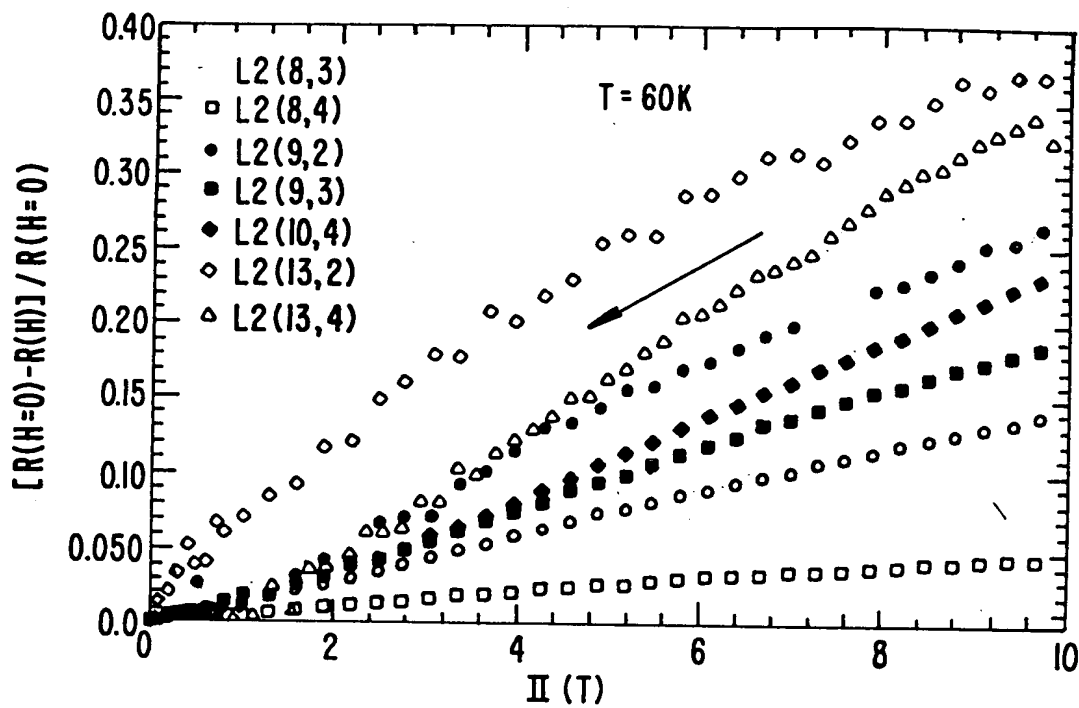


FIG. 24A.

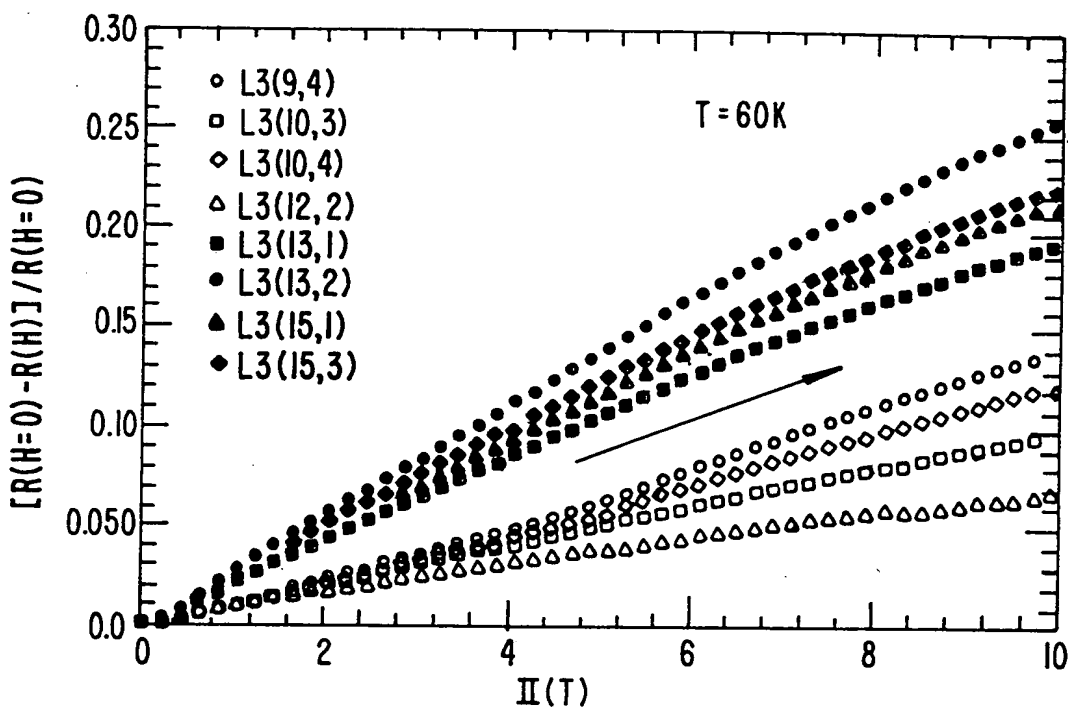


FIG. 24B.

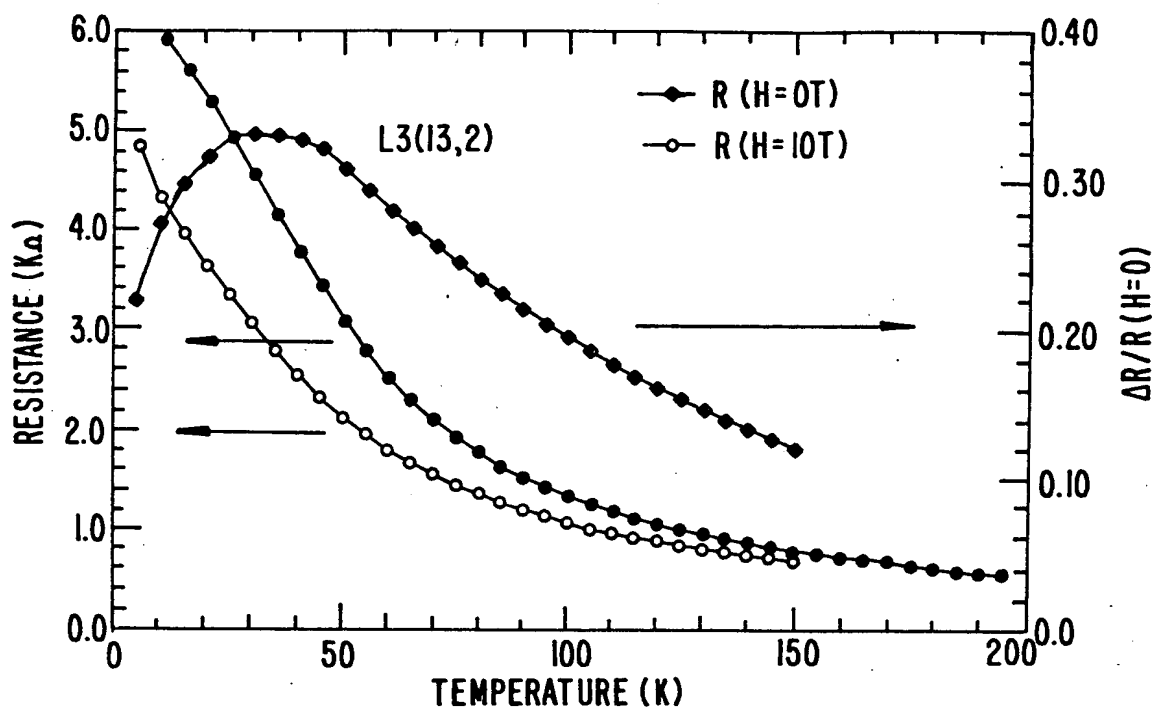


FIG. 25A.

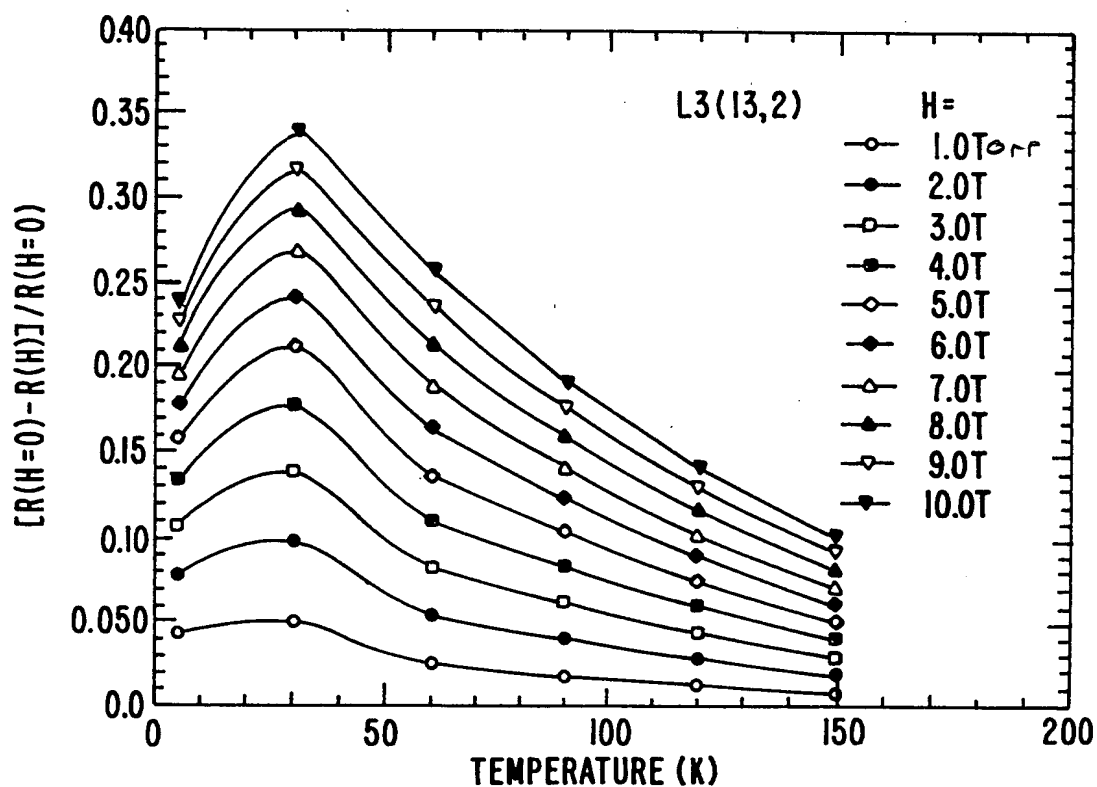
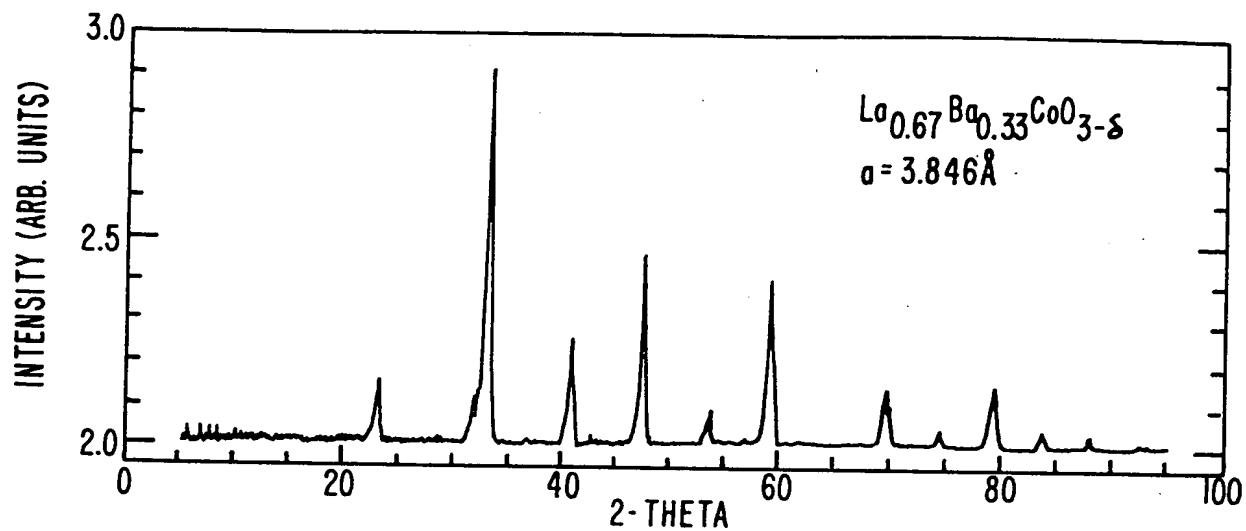
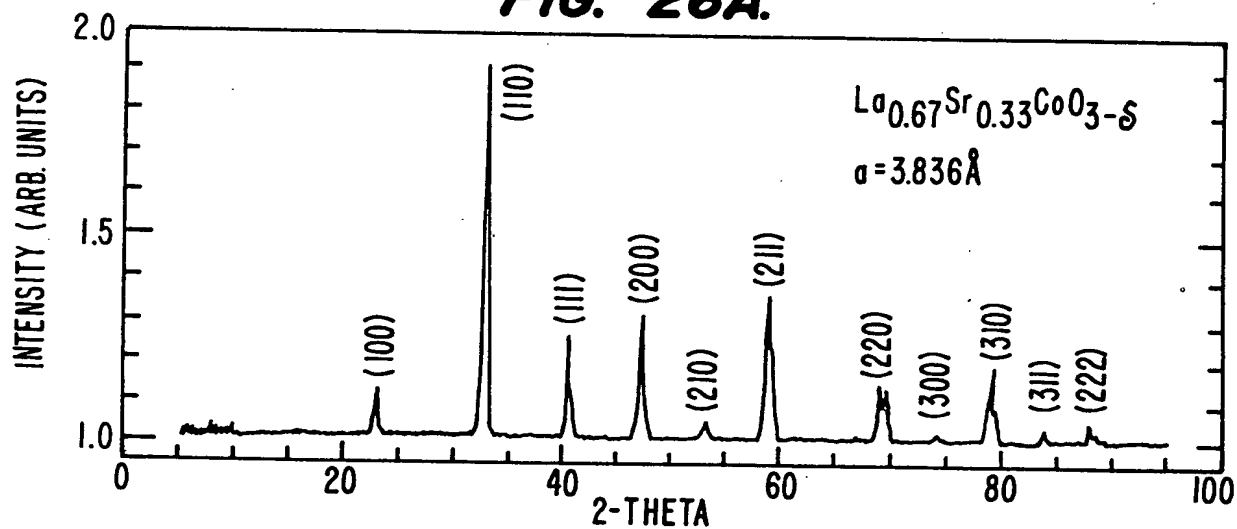
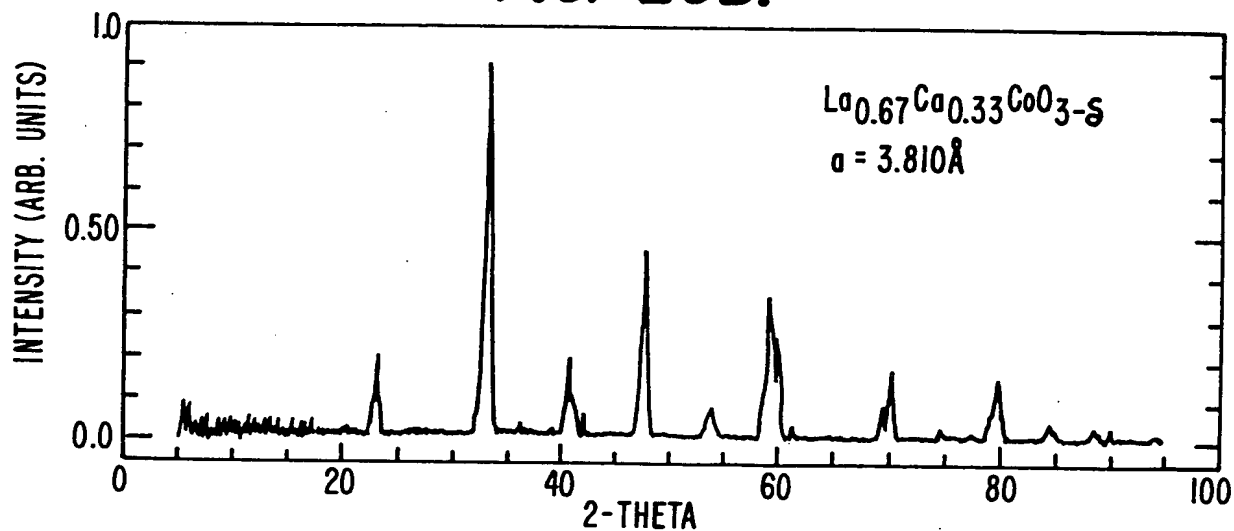
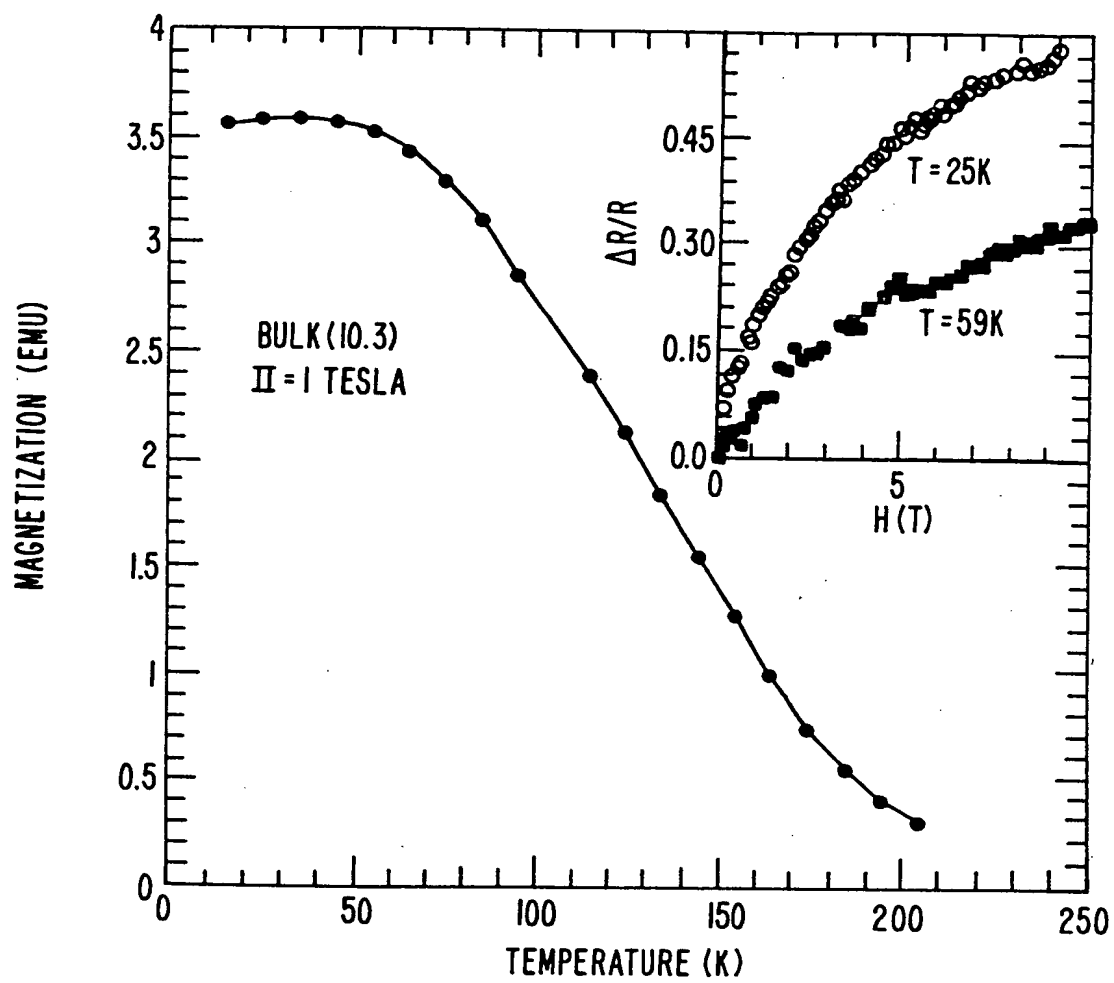


FIG. 25B.



**FIG. 26A.****FIG. 26B.****FIG. 26C.**

**FIG. 27.**